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MOBOTIX HiRes IP Cameras

Professional Hi-Resolution IP Video Solutions

Megapixel
1280 x 960
software zoom

30 Frames/s
VGA (640 x 480)
10 F/s Mega

-22°F ... +140°F
Weatherproof
- 30° ... +60°C, IP65
no heating necessary

IEEE 802.3af
PoE
network power
even in winter

microphone & speaker
Audio
bi-directional via IP
variable framerates

SIP-Client with video
IP-Telephony
alarm notify,
cam remote control

Video motion
multiple windows
precision pixel-based

lip-syncronized audio
Recording
event-ringbuffer
30 cams each 30 F/s

Live viewing
30 cams at 30 F/s
all on one screen

Backlight
safe using CMOS
without mechanical iris

Wall bracket
with cable cover
for RJ45 wall outlet

Robust
no moving parts
fiber glass housing

Allround M22M

from $798*

- **Outdoor camera (IP65) with exchangeable lenses** for indoor/outdoor use, available as Day or Night version
- Lenses available from Super Wide-Angle (90°) to tele (15°)
- Exposure time 1 lux at 1/60 sec., 0.05 lux at 1 sec.
- Microphone and speaker with full audio functionality (VoIP and SIP telephony, including Video SIP)
- Universal wall/ceiling mount perfectly covers RJ45 outlet and conceals the cabling

DualNight M12D

from $1198*

- **Dual outdoor camera (IP65)** with brilliant image quality during the day and highest sensitivity at night thanks to **two separate image sensors for color and B/W**
- Ideal for challenging lighting conditions or IR lighting
- PIR sensor for motion detection in the dark
- Microphone and speaker with full audio functionality (VoIP and SIP telephony, including Video SIP)
- Integrated ISDN S0 connection (telephony, Internet)
- Integrated switch functions (2 x input, 2 x output), RS232
- Concealed cabling for RJ45 wall outlet

Allround D22M

from $648*

- **Outdoor dome camera (IP65) with exchangeable lenses** and **optional Vandalism, On-Wall and In-Ceiling sets**
- Lenses available from Super Wide-Angle (90°) to tele (15°)
- Exposure time 1 lux at 1/60 sec., 0.05 lux at 1 sec.
- Vandalism set consists of stainless steel ring (polished, matt, powder-coated) and reinforced dome
- On-Wall set features concealed cabling and space for expansion modules (batteries, UMTS, WiFi, etc.)
- Outdoor wall mount (IP65) with space for expansion modules

DualDome D12D

from $1198*

- **Dual dome camera** with brilliant image quality during the day and highest sensitivity at night thanks to **two individual image sensors** for color and B/W
- 180° panorama with 2.5 megapixels
- PIR sensor for motion detection in the dark
- Microphone and speaker with full audio functionality (VoIP and SIP telephony, including Video SIP)
- Integrated ISDN S0 connection (telephony, Internet)
- Integrated switch functions (2 x input, 2 x output), RS232
- Outdoor wall mount (IP65), space for expansion modules

MxControlCenter

- Prof. **control center software**, incl. alarm management
- High performance with 30 smooth video streams
- Synchronized event search for multiple cameras
- Image post-processing (contrast, zoom, distortion corr.)
- Supports integration of analog & digital PTZ cameras
- Simultaneous recording, live video and playback
- Auto-alerting by remote cameras
- Layout editor for floor plans

*Prices excl. shipping, insurance, duties and taxes • Subject to change without notice

Security-Vision-Systems

MOBOTIX CORP, New York, NY • Security-Vision-Systems

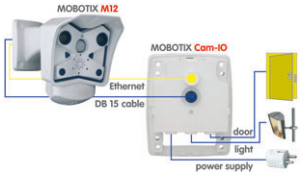
www.mobotix.com • Phone: 888-MOBOTIX (662 6849)

MOBOTIX

MOBOTIX HiRes IP Cameras 1 - US

MOBOTIX ... the new face of IP video

Model:	**M22M-IT-D22**	**M22M-Sec**	**M22M-Sec-Night**	**M12M-Web-D43**	**M12D-IT-DNight-D43N43**	**M12D-Sec-D22D135**
Indoor/Outdoor:	In/Outdoor, weatherproof, -22 to +140°F	In/Outdoor, weatherproof, -22 to +140°F	In/Outdoor, weatherproof, -22 to +140°F	In/Outdoor, weatherproof, -22 to +140°F	In/Outdoor, weatherproof, -22 to +140°F	In/Outdoor, weatherproof, -22 to +140°F
Resolution:	VGA (640x480 Pixel), color	**MEGA** (1280x960 pixels), color	**MEGA** (1280x960 pixels), B/W	**MEGA** (1280x960 pixels), color	2 x VGA (640x480 ea.), **color & B/W**	**2 x MEGA** (1280x960 ea.), **color**
Pan/Tilt/Zoom:	N/A	1x, 2x, 4x • Zoom & Pan/Tilt (digital)	1x, 2x, 4x • Zoom & Pan/Tilt (digital)	1x, 2x, 4x • Zoom & Pan/Tilt (digital)	N/A	1x, 2x, 4x • Zoom & Pan/Tilt (digital)
Frame Rate (Mono):	**30 fps VGA** • 30 fps CIF	**30 fps VGA** • 30 fps CIF • 10 fps MEGA	**30 fps VGA** • 30 fps CIF • 10 fps MEGA	**30 fps VGA** • 30 fps CIF • 10 fps MEGA	**30 fps VGA** • 30 fps CIF	**30 fps VGA** • 30 fps CIF • 10 fps MEGA
Sensitivity:	1 lux (t=1/60sec) • 0.05 lux (t=1/1sec)	1 lux (t=1/60sec) • 0.05 lux (t=1/1sec)	0.1 lux (t=1/60sec) • 0.005 lux (t=1/1sec)	1 lux (t=1/60sec) • 0.05 lux (t=1/1sec)	0.1 lux (t=1/60sec) • 0.005 lux (t=1/1sec)	1 lux (t=1/60sec) • 0.05 lux (t=1/1sec)
Interfaces:	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	ISDN, Ethernet 10/100 Mbps	ISDN, Ethernet 10/100 Mbps, RS232	ISDN, Ethernet 10/100 Mbps, RS232
Video Ring Buffer:	32 MB / external up to 1 Terabyte	64 MB / external up to 1 Terabyte	64 MB / external up to 1 Terabyte	12 MB	32 MB / external up to 1 Terabyte	64 MB / external up to 1 Terabyte
Audio/Telephony:	Bidirectional, VoIP, IP Telephony	Bidirectional, VoIP, IP Telephony	Bidirectional, VoIP, IP Telephony	N/A	Bidirectional, VoIP, IP/ISDN Telephony	Bidirectional, VoIP, IP/ISDN Telephony
Power Sup. • In/Out:	PoE or MX-NPA-Set • Via Cam-IO	PoE or MX-NPA-Set • Via Cam-IO	PoE or MX-NPA-Set • Via Cam-IO	PoE or MX-NPA-Set • N/A	PoE or MX-NPA-Set • 1xIN, 1xOUT	PoE or MX-NPA-Set • 1xIN, 1xOUT
Software Features:	FTP, e-mail, video alarm management, video motion, MultiView, event search	FTP, e-mail, video alarm management, video motion, MultiView, event search	FTP, e-mail, video alarm management, video motion, MultiView, event search	Logo Generator, FTP, e-mail	FTP, e-mail, video alarm management, video motion, MultiView, event search	FTP, e-mail, video alarm management, video motion, MultiView, event search
Arming • Triggering:	365 day schedule • multiple events	365 day schedule • multiple events	365 day schedule • multiple events	7 day schedule • multiple events	365 day schedule • multiple events	365 day schedule • multiple events
External Storage:	Ring buffer on PC/server/NAS	Ring buffer on PC/server/NAS	Ring buffer on PC/server/NAS	FTP, triggered by events/time schedule	Ring buffer on PC/server/NAS	Ring buffer on PC/server/NAS
Lenses: (eq. 35mm)	Super Wide Angle (22mm, 90°, F 2.0)	Super Wide Angle (22mm, 90°, F 2.0), 32mm, 43mm, 65mm, 135mm	Super Wide Angle (22mm, 90°, F 2.0), 32mm, 43mm, 65mm, 135mm	Wide-angle only (43mm, F 2.0)	2 Wide-angle (43mm, F 2.0), DNight: automatic Day/Night switching	Super Wide Angle (22mm, 90°, F 2.0), tele (135mm, F 2.5)
Prices:	$798	$998	$998	$998	$1198	$1498

Model:	**M12D-Sec-DNight-D43N43**	**M12D-Sec-DNight-D22N22**	**SecureFlex-Wall-/Ceiling Mount**	**M12/M22-Pole Mount**	**Cam-IO-Installation Box IP65**	
Indoor/Outdoor:	In/Outdoor, weatherproof, -22 to +140°F	In/Outdoor, weatherproof, -22 to +140°F	• protected concealed cabling	• 3mm stainless steel,white	• standardized installation plattform	
Resolution:	**2 x MEGA** (1280x960 ea.), **color & B/W**	**2 x MEGA** (1280x960 ea.), **color & B/W**	• ± 90° right/left pivoting	• mast or pole mounting	• Interface for connection to external sensors and devices (door contact, light, etc.)	
Pan/Tilt/Zoom:	1x, 2x, 4x • Zoom & Pan/Tilt (digital)	1x, 2x, 4x • Zoom & Pan/Tilt (digital)	• - 70° down tilt	• Pole circumference from 60 to 180mm	• 2xRelay-Out, 2xInput, Backup, Audio	
Frame Rate (Mono):	**30 fps VGA** • 30 fps CIF • 10 fps MEGA	**30 fps VGA** • 30 fps CIF • 10 fps MEGA	• covers RJ45 wall outlets	• 2 x metal mounting bands, fittings and grommet included	• available only with SecureFlex-Wall mount (M22/M12), (PoE/230V)	
Sensitivity:	0.1 lux (t=1/60sec) • 0.005 lux (t=1/1sec)	0.1 lux (t=1/60sec) • 0.005 lux (t=1/1sec)	• compatible with M1/M10/M12-cameras			
Interfaces:	ISDN, Ethernet 10/100 Mbps, RS232	ISDN, Ethernet 10/100 Mbps, RS232				
Video Ring Buffer:	64 MB / external up to 1 Terabyte	64 MB / external up to 1 Terabyte				
Audio/Telephony:	Bidirectional, VoIP, IP/ISDN Telephony	Bidirectional, VoIP, IP/ISDN Telephony				
Power Sup. • In/Out:	PoE or MX-NPA-Set • 1xIN, 1xOUT	PoE or MX-NPA-Set • 1xIN, 1xOUT				
Software Features:	FTP, e-mail, video alarm management, video motion, MultiView, event search	FTP, e-mail, video alarm management, video motion, MultiView, event search				
Arming • Triggering:	365 day schedule • multiple events	365 day schedule • multiple events				
External Storage:	Ring buffer on PC/server/NAS	Ring buffer on PC/server/NAS				
Lenses: (eq. 35mm)	2 Wide-angle (43mm, F 2.0), DNight: automatic Day/Night switching	2 Super Wide Angle (22mm, 90°, F 2.0), DNight: automatic Day/Night switching				
Prices:	$1498	$1598	$68	$128	PoE $398 / AC $498 / ACplus $598	

MOBOTIX product advantages

- High resolution with 960 lines in live and recorded image
- Minimal Network load
- View live 30 fps and record up to 40 cameras simutaneously, incl. audio, on a single PC
- Unlimited scalability
- Weatherproof, -20 to +140°F
- PoE Standard IEEE 802.3af
- Cost efficient - less cameras required, low power, low maintenance
- Increased functionality with Cam-IO
- Integrated alarm notification
- Backlight correction
- Two-way audio
- Lip-synchronised audio
- Integrated Flash Storage*
- Free of charge software updates via MOBOTIX website

* available Q1 2008

MOBOTIX HiRes IP Cameras 2 - US

... the new face of IP video

NEW D22 FixDome

	D22Mi-Basic-D22	D22M-IT-D22	D22M-IT-Night-N22	D22M-Sec	D22M-Sec-Night
Model:					
Indoor/Outdoor:	Indoor, IP54, -22 to +120°F	In/Outdoor, weatherproof, -22 to +140°F	In/Outdoor, weatherproof, -22 to +140°F	In/Outdoor, weatherproof, -22 to +140°F	In/Outdoor, weatherproof, -22 to +140°F
Resolution:	VGA (640x480 pixels), color	VGA (640x480 pixels), color	VGA (640x480 pixels), **BW**	**MEGA** (1280x960 pixels), color	**MEGA** (1280x960 pixels), **BW**
Pan/Tilt/Zoom:	./.	./.	./.	1x, 2x, 4x • Zoom & Pan/Tilt (digital)	1x, 2x, 4x • Zoom & Pan/Tilt (digital)
Frame Rate (Mono):	16 fps VGA • 16 fps CIF	**30 fps VGA** • 30 fps CIF	**30 fps VGA** • 30 fps CIF	**30 fps VGA** • 30 fps CIF • 10 fps Mega	**30 fps VGA** • 30 fps CIF • 10 fps Mega
Sensitivity:	1 lux (t=1/60sec) • 0.05 lux (t=1/1sec)	1 lux (t=1/60sec) • 0.05 lux (t=1/1sec)	0.1 lux (t=1/60sec) • 0.005 lux (t=1/1sec)	1 lux (t=1/60sec) • 0.05 lux (t=1/1sec)	0.1 lux (t=1/60sec) • 0.005 lux (t=1/1sec)
Interfaces:	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps, USB, ext. audio	Ethernet 10/100 Mbps, USB, ext. audio	Ethernet 10/100 Mbps, USB, ext. audio	Ethernet 10/100 Mbps, USB, ext. audio
Video Ring Buffer:	2 MB	32 MB/up to 1 Terabyte externally	32 MB/up to 1 Terabyte externally	64 MB/up to 1 Terabyte externally	64 MB/up to 1 Terabyte externally
Audio/Telephony:	./.	Bidirectional, VoIP, IP Telephony	Bidirectional, VoIP, IP Telephony	Bidirectional, VoIP, IP Telephony	Bidirectional, VoIP, IP Telephony
Power Sup. • In/Out:	PoE or MX30V • N/A	PoE or MX30V • Via Mini USB	PoE or MX30V • Via Mini USB	PoE or MX30V • Via Mini USB	PoE or MX30V • Via Mini USB
Software Features:	FTP, e-mail, video alarm management, video motion, MultiView, event search	FTP, e-mail, video alarm management, video motion, MultiView, event search	FTP, e-mail, video alarm management, video motion, MultiView, event search	FTP, e-mail, video alarm management, video motion, MultiView, event search	FTP, e-mail, video alarm management, video motion, MultiView, event search
Arming • Triggering:	./.	Annual time table • Event logic	Annual time table • Event logic	Annual time table • Event logic	Annual time table • Event logic
External Storage:	./.	Ring buffer on PC/server/NAS	Ring buffer on PC/server/NAS	Ring buffer on PC/server/NAS	Ring buffer on PC/server/NAS
Lenses: (eq. 35mm)	Super Wide-Angle (22mm, 90°, F 2.0)	Super Wide-Angle (22mm, 90°, F 2.0)	Super Wide-Angle (22mm, 90°, F 2.0)	Super Wide-Angle (22mm, 90°, F 2.0), 32mm, 43mm, 65mm, 135mm	Super Wide-Angle (22mm, 90°, F 2.0), 32mm, 43mm, 65mm, 135mm
Prices:	$648	$748	$748	$948	$948

MOBOTIX Cost Benefits

- Increased resolution reduces amount of cameras needed
- Reduced installation costs
- Intelligent recording technology reduces required storage
- Event-controlled image rate minimizes storage costs
- No additional power (standard PoE) and no heating required
- Backup power requirement reduced by 8 times
- Robust and practically maintenance free
- No software and no license costs
- Unlimited scalability and high return of investment
- Additional functions and other extras included

Lenses 1/2", M14
lens distortion can be removed using MxControlCenter (Images from an M22M)

L22 Super Wide Angle (90° x 67°)

L32 Wide Angle (60° x 45°)

L43 Wide Angle (45° x 34°)

L65 Tele (31° x 23°)

L135 Tele (15° x 11°)

V24-54 CSVario*

* M22M special order

MOBOTIX accessories for D22 IT/SECURE models (see other products in the price list)

	D22 Vandalism Set	D22 On-Wall Set	D22 In-Ceiling Set	D22 Wall Mount (MX-WH)	D22 Corner and Pole Mount (MX-MH)
Part Name:					
Description:	• Reinforced dome (3mm Polyc.) • Stainless steel vandalism ring (matt, polished or white, silver, black powder-coated)	• On-wall mount incl. mounting parts • Concealed cabling • Ø 165x37mm/6.5x1.5in	• In-ceiling set incl. mounting parts • Concealed camera positioning • Ø 150mm/5.9in diameter	• Weather protection (IP65) for D22 • Covers RJ45 wall outlets • Space for expansion modules (WiFi)	• 3mm stainless steel, powder-coated • Pole diam.: 60 to 180mm/2.4 to 7.1in • Incl. mounting supplies
Prices:	$148	$148	$148	$148 (WH + MH $248 Bundle)	$148 (WH + MH $248 Bundle)

MOBOTIX HiRes IP Cameras 3 - US

... the new face of IP video

Model:	D12Di-IT	D12Di-Sec	Dome-Wall Mount (MX-WH)	D12-Pole Mount (MX-MH)
Indoor/Outdoor:	Dual lens Indoor, IP54, -22 to +140°F	Dual lens Indoor, IP54, -22 to +140°F	• Weatherproof (IP65) for D12D-Dome	• To be used with MX-WH-Dome-WM
Resolution:	2 x VGA (640x480 ea.), color or B/W	2 x MEGA (1280x960 ea.), color or B/W	• Robust and UV resistant PBT-30GF	• 3mm stainless steel, white
Pan/Tilt/Zoom:	N/A	1x, 2x, 4x • Zoom & Pan/Tilt (digital)	• concealed cabling	• can be mounted to 90° corner
Frame Rate (Mono):	30 fps VGA • 30 fps CIF	30 fps VGA • 30 fps CIF • 10 fps MEGA	• covers RJ45 wall plate connection	• Mast circumference 60 to 180mm
Sensitivity:	1 lux (t=1/60sec) • 0.05 lux (t=1/1sec)	1 lux (t=1/60sec) • 0.05 lux (t=1/1sec)	• possible to fit WLAN or GSM/GPRS equipment inside housing	• 2 x metal mounting bands, fittings and grommet included
Interfaces:	ISDN, Ethernet 10/100 Mbps, RS232	ISDN, Ethernet 10/100 Mbps, RS232		
Video Ring Buffer:	32 MB / external up to 1 Terabyte	64 MB / external up to 1 Terabyte		
Audio/Telephony:	Bidirectional, VoIP, IP/ISDN Telephony	Bidirectional, VoIP, IP/ISDN Telephony		
Power Sup. • In/Out:	PoE or MX-NPA-Set • 1xIN, 1xOUT	PoE or MX-NPA-Set • 1xIN, 1xOUT		
Software Features:	FTP, e-mail, video alarm management, video motion, MultiView, event search	FTP, e-mail, video alarm management, video motion, MultiView, event search		
Arming • Triggering:	365 day schedule • multiple events	365 day schedule • multiple events		
External Storage:	Ring buffer on PC/server/NAS	Ring buffer on PC/server/NAS		
Lenses: (eq. 35mm)	Multiple lens combinations or 180° Panorama: 2 x Super Wide Angle	Multiple lens combinations or 180° Panorama: 2 x Super Wide Angle		
Prices:	$1198	$1448	$148 (WH + MH $248 Bundle)	$148 (WH + MH $248 Bundle)

Lens options	D22	N22	D32	N32	D43	N43	D65	N65	D135	N135
M22M-IT-D22	•		•		•		•		•	
M22M-Sec	•		•		•		•		•	
M22M-Sec-Night		•		•		•		•		•
M12M-Web-D43					•					
M12D-IT-DNight-D43N43					•	•				
M12D-Sec-D22D135	•								•	
M12D-Sec-DNight-D22N22	•	•								
M12D-Sec-DNight-D43N43					•	•				
D12Di-IT/D12Di-Sec	•	•	•	•	•	•	•	•	•	•
D22Mi-Basic-D22	•		•		•		•		•	
D22M-IT-D22	•		•		•		•		•	
D22M-IT-Night-N22		•		•		•		•		•
D22M-Sec	•		•		•		•		•	
D22M-Sec-Night		•		•		•		•		•

• Standard • Option, D (Day), N (Night)

Lenses 1/2", M14
lens distortion can be removed using MxControlCenter
(Images from an M22M)

L22 Super Wide Angle (90° x 67°)

L32 Wide Angle (60° x 45°)

L43 Wide Angle (45° x 34°)

L65 Tele (31° x 23°)

L135 Tele (15° x 11°)

V24-54 CSVario*

* M22M special order

MOBOTIX Accessories (MOBOTIX systems have several alternative power supply options, these options are priced and should be ordered separately)

Part Name:	Network Power Adapter Set	Network Power Box for 4 cameras	Network Power Rack (8 cameras)	Network Power Rack (20 cameras)	MX-SW-NFS-Server 2.0	MxControlCenter for Windows Client
Description:	Power supply via network cabling All camera models (MX30V)	Power supply for DIN rails All camera models (MX30V)	Power supply via network cabling All camera models (MX30V)	Power supply via network cabling All camera models (MX30V)	Using the MOBOTIX NFS CD you can turn almost any PC into a Linux Server incl. timeserver in under 10 minutes. Support License for 1 Year	High performance with 30 smooth video streams live/stored, integration of analog and digital PTZ cameras with joystick control, alarm management, event search
Prices:	$98 Bundle	$398	$998	$1498	$178 (Q1 2008)	Free Download (mobotix.com)